


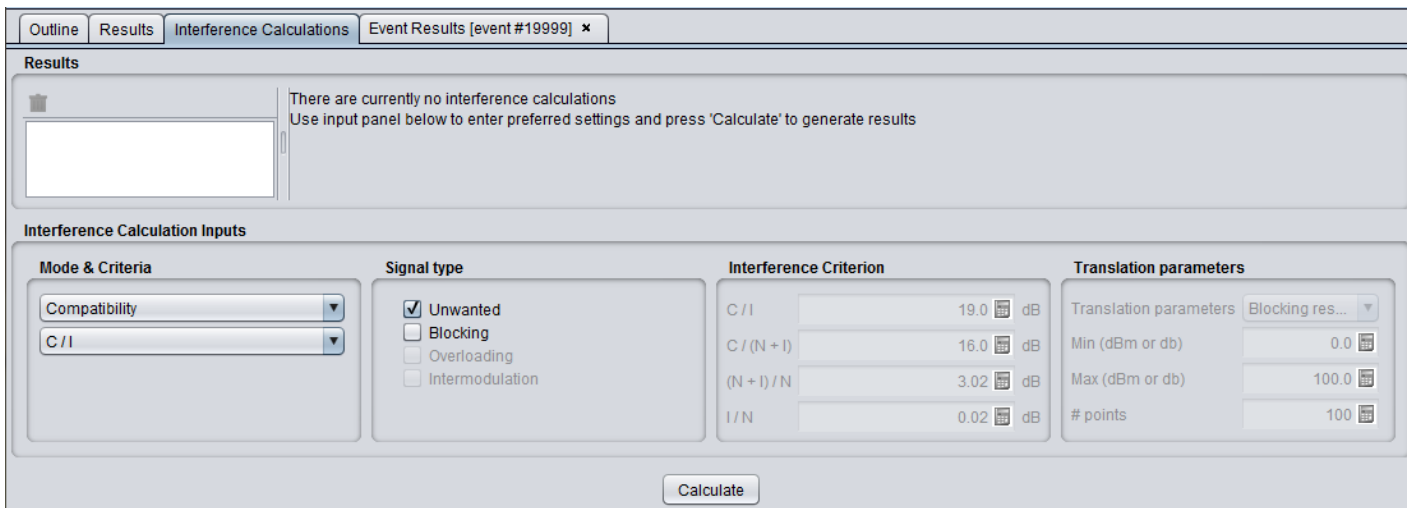
Objective

You will learn how to ...

- Extract the Probability of Interference in
 - Compatibility calculation mode
 - Translation calculation mode



After the simulation of all events has completed, SEAMCAT will have calculated and stored the dRSS and iRSS vectors. Now it is possible to evaluate the probability of interference for the simulated scenario using the interference calculation control panel as shown in Figure 97.



Mode & Criteria	Signal type	Interference Criterion	Translation parameters
Compatibility	<input checked="" type="checkbox"/> Unwanted	C / I 19.0 dB	Translation parameters Blocking res...
C / I	<input type="checkbox"/> Blocking	C / (N + I) 16.0 dB	Min (dBm or db) 0.0
	<input type="checkbox"/> Overloading	(N + I) / N 3.02 dB	Max (dBm or db) 100.0
	<input type="checkbox"/> Intermodulation	I / N 0.02 dB	# points 100

Calculate

Figure 97: Interference calculation tabsheet

Any of the following parameters can be selected from the panel when calculating the probability of interference:

- Calculation mode: compatibility or translation;

- Which type of interference signal is considered for calculation: unwanted, blocking, overloading, intermodulation or a combination of them;
 - Interference criterion: C/I , $C/(N+I)$, $(N+I)/N$ or I/N :
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